



IAP12 Rec'd PCT/PTO 06 JUL 2007

Atty. Dkt. No. UFRF1100-1 (055932-0203)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: David Alan Zacharias

Title: FUNCTIONAL GENOMICS  
AND GENE TRAPPING IN  
HAPLOID OR HYPODIPLOID  
CELLS

Appl. No.: 10/590,633

International Filing Date: 2/25/2005

Examiner: Unknown

Art Unit: Unknown

Confirmation Number: 2295

<p><b>CERTIFICATE OF MAILING</b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Mercedes F. Dipasupil</u> (Printed Name)</p> <p><u>Mercedes F. Dipasupil</u> (Signature)</p> <p><u>July 2, 2007</u> (Date of Deposit)</p>
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**TRANSMITTAL OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed April 18, 2007, in the above-identified patent application, transmitted herewith are the missing requirements to complete the filing of the subject patent application.

Enclosed are:

[ X ] Declaration and Power of Attorney (4 pages)

- ☒ Return Copy of Notice to File Missing Parts
- ☒ Paper copy of the sequence listing (2 pages)
- ☒ Computer Readable Form (CRF) copy of the sequence listing (1 diskette)
- ☒ Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§ 1.821-1.825. (1 page)
- ☒ Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

- ☒ Extension for response filed within the first month
- ☐ Extension for response filed within the second month
- ☐ Extension for response filed within the third month
- ☐ Extension for response filed within the fourth month
- ☐ Extension for response filed within the fifth month

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Filing Fee, Search Fee & Examination Fee				\$1,000.00	\$0.00
Size Fee	0	100	0 x	\$250.00	\$0.00
Total	19	20	0 x	\$50.00	\$0.00
Claims:					
Independen ts:	10	10	0 x	\$200.00	\$0.00
If any Multiple Dependent Claim(s) present:			+	\$360.00	\$0.00
Surcharge under 37 CFR 1.16(f) for late filing of Executed Declaration and late payment of filing fee			+	\$130.00	\$0.00
<input checked="" type="checkbox"/> Extension fee for response filed within the first month:			+	\$120.00	\$60.00
				SUBTOTAL:	\$60.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):					\$60.00
Basic Filing Fee Reduction for Filing via EFS-Web					\$0.00
				TOTAL FILING FEE:	\$60.00
Processing Fee under 37 CFR 1.17(i) for Late Filing of English Translation of Application:			+	\$130.00	\$0.00
				TOTAL FEE	\$60.00
Difference to pay:			-	\$0.00	\$60.00

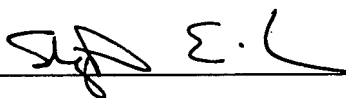
A credit card payment form in the amount of \$60.00 is enclosed in payment of extension fees.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment instructions in EFS-Web being incorrect or absent, resulting in a rejected or incorrect credit card transaction, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date 7/2/07

By 

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Stephen E. Reiter  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/590,633	FIRST NAMED APPLICANT David Alan Zacharias	ATTY. DOCKET NO. UFRF1100-1 (055932-0203)
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INTERNATIONAL APPLICATION NO.
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PCT/US05/06309

I.A. FILING DATE 02/25/2005	PRIORITY DATE 02/26/2004
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30542  
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**RECEIVED**

APR 23 2007

I.P. DEPT.  
 FOLEY & LARDNER

CONFIRMATION NO. 2295

371 FORMALITIES LETTER



\*OC000000023410925\*

Date Mailed: 04/18/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 08/23/2006
- Biochemical Sequence Listing filed on 08/23/2006
- U.S. Basic National Fees filed on 08/23/2006
- Priority Documents filed on 08/23/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Additionally the following defects have been observed:

- The International Search Report has not be supplied, the Search Fee has been adjusted to reflect this

omission.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

**PART 2 - OFFICE COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/590,633	PCT/US05/06309	UFRF1100-1 (055932-0203)